



Appl. No. : 10/645,001
Title: Mechanism for Mounting a Soil Leveling Device
Inventors : Fink, Jerome T. and Hagman, Rodney L.
Filed : 8/21/2003
GAU: 3671
Examiner: Alexandra K. Pechold
Docket No. : 3286W

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56

Examiner Pechold:

Please find enclosed forms PTO/SB/08A and PTO/SB/08B and copies of
noted citations 4 through 9.

In reference to citations 7 through 9. The applicants are disclosing here
illustrations of reel mounting systems offered by competitors of the assignee, Krause
Plow Corporation, Inc.. The applicants believe that these products were offered for sale
prior to one year before the application date of this application.

The applicants' understanding of the devices shown in citations 7-9 is that
their general mechanical arrangement is generally similar to the prior Krause design
shown in citation 4. That is, the applicants' understanding of the devices of citations 7-9
is that they generally include a carrier arm for supporting a reel (soil leveling device)

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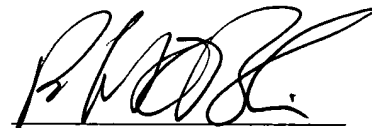
May 7, 2004

INFORMATION DISCLOSURE UNDER 37 CFR 1.56

which is pivotably mounted to a frame and that a spring assembly is also mounted between the carrier arm and the frame thus providing a spring loaded reel. It is the applicants' understanding that these devices usually include a way of adjusting the amount of force applied by the spring in order to adjust the spring loading of the reel. However, it is also the applicants' understanding that the devices of citations 7-9 do not include a connecting link communicating between a spring assembly and a frame where the connecting link may either be locked or released to provide respectively a fixed setting and a floating setting.

A Check for \$180.00 is enclosed herewith to cover the fee for a late submission of an information disclosure statement.

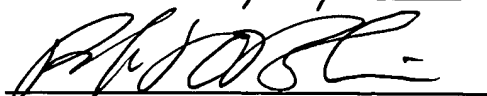
Respectfully Submitted,



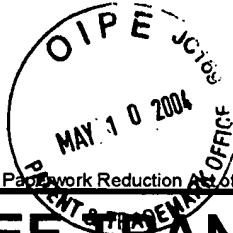
Robert O. Blinn
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$) 180

Complete if Known

Application Number	10/645,001
Filing Date	8/21/2003
First Named Inventor	Fink, Jerome T.
Examiner Name	Alexandra K. Pechold
Art Unit	3671
Attorney Docket No.	3286W

METHOD OF PAYMENT (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below	Fee Paid
Total Claims		-20** =			
Independent Claims		-3** =			
Multiple Dependent					

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180

SUBMITTED BY

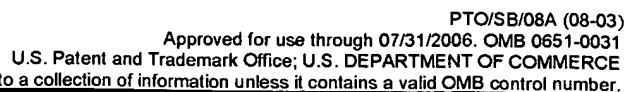
(Complete if applicable)

Name (Print/Type)	Robert O. Blinn	Registration No. (Attorney/Agent)	36,751	Telephone	3167733270
Signature		Date	5/7/2004		

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Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/645,001
Filing Date	08/21/2003
First Named Inventor	Fink
Art Unit	3671
Examiner Name	Alexandra K. Pechold
Attorney Docket Number	3286W

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

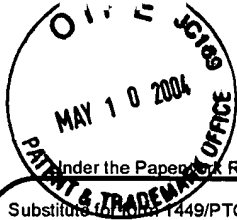
[illegible]

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/645,001
Filing Date	08/21/2003
First Named Inventor	Fink
Art Unit	3671
Examiner Name	Alexandra K. Pechold
Attorney Docket Number	3286W

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	4	Page 4 from Krause Plow Corporation's Operating Instructions dated October 2000 showing assignee's prior reel mechanism. See note 4 in upper right.	
	5	Pages 8 and 9 from a DMI owner's manual dated February 2001. Attention is directed to the Figure on page 8 and Figures 2 and 3 on page 9.	
	6	Exerpt from literature by Wil-Rich Manufacturing of Wahpeton, ND showing a basket assembly having a quick release mechanism. Date believed to be prior to 08/21/2002.	
	7	Advertising literature by Remlinger Mfg. Co., showing basket assembly with "spring adjustable arms", Apparatus shown believed to be on sale prior to 8/21/02.	
	8	Great Plains Mfg., Inc. Brochure, Page 17, Believed to be dated August 2001, See picture at lower right of "spring loaded reel".	
	9	John Deere sales brochure entitled Seedbed Tillage believed to be published in October of 2001, Page 23. See "3-bar spike-tooth harrow with rolling basket" at top of page.	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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